

**METHODS FOR COMPUTING THE CRC OF A MESSAGE FROM THE
INCREMENTAL CRCs OF COMPOSITE SUB-MESSAGES**

Abstract

5 A method of generating a CRC for a composite sub-message based on a
CRC generating polynomial having at least two factors. The composite sub-
message includes sub-message data and a number, n, of trailing zeros. The
method includes generating a first remainder based on the sub-message data and
a first factor of the CRC generating polynomial. A second remainder is
10 generated based on the sub-message data and a second factor of the CRC
generating polynomial. The CRC for the composite sub-message is generated
based on adjusted versions of the first and the second remainders.